



NOTES:

Crossings are to be constructed as at-grade concrete slabs. The finish grade of the concrete shall be the same as the existing roadbed grade, unless otherwise directed by the OWNER.

A concrete cut-off wall shall be constructed on the upstream edge and the downstream edge (as shown in the drawing) for the entire length of the crossing. Cut-off walls will help prevent scouring and subsequent undermining of the concrete slab.

Construction disturbance shall not extend beyond 5' to either side of the finished concrete edge.

All disturbed areas are to be revegetated with revegetation techniques appropriate for their particular zone within the floodplain. All disturbed areas will be covered with erosion control fabric and planted with seed, planted with herbaceous plug plantings, planted with containerized plantings, treated with bioengineering techniques, or a combination of the above strategies.

Current road maintenance apparently involves grading and depositing graded road material on the downstream side of each crossing. It should be considered part of this action to modify maintenance procedures to eliminate all maintenance activities from areas not actually within the road surface boundaries. Graded material should no longer be deposited in the channel or its floodplain.

HARDENED STREAM CROSSING - TYPICAL

ABANDONED MINE RECLAMATION PROGRAM
COTTONWOOD WASH PROJECT

DESIGN: BBB (USFS)
MODIFIED BY: DROL
DRAWN BY: DROL
DATE: 4/12/00

FIGURE